



# National Center for Health Statistics

## Daily Updates of Totals by Week and State

Provisional Death Counts for Coronavirus Disease 2019 (COVID-19)

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Updated: August 10, 2020

**i** Note: Provisional death counts are based on death certificate data received and coded by the National Center for Health Statistics as of August 10, 2020. Death counts are delayed and may differ from other published sources (see Technical Notes). Counts will be updated periodically. Additional information will be added to this site as available.

The provisional counts for coronavirus disease 2019 (COVID-19) deaths are based on a current flow of mortality data in the National Vital Statistics System. National provisional counts include deaths occurring within the 50 states and the District of Columbia that have been received and coded as of the date specified. It is important to note that it can take several weeks for death records to be submitted to National Center for Health Statistics (NCHS), processed, coded, and tabulated. Therefore, the data shown on this page may be incomplete, and will likely not include all deaths that occurred during a given time period, especially for the more recent time periods. Death counts for earlier weeks are continually revised and may increase or decrease as new and updated death certificate data are received from the states by NCHS. COVID-19 death counts shown here may differ from other published sources, as data currently are lagged by an average of 1–2 weeks.

The provisional data presented on this page include the weekly provisional count of deaths in the United States due to COVID-19, deaths from all causes and percent of expected deaths (i.e., number of deaths received over number of deaths expected based on data from previous years), pneumonia deaths (excluding pneumonia deaths involving influenza), pneumonia deaths involving COVID-19, influenza deaths, and deaths involving pneumonia, influenza, or COVID-19; (a) by week ending date and (b) by specific jurisdictions.

For an index of all available Provisional Death Counts for Coronavirus Diseases (COVID-19), [click here](#).

Table 1 has counts of death involving COVID-19 and select causes of death by the week ending date in which the death occurred. For deaths involving COVID-19 by week ending date at the state level, [Click here to download](#).

▼ **Table 1. Deaths involving coronavirus disease 2019 (COVID-19), pneumonia, and influenza reported to NCHS by week ending date, United States. Week ending 2/1/2020 to 8/8/2020.\***

Updated August 10, 2020

Week ending date in which the death occurred	All Deaths involving COVID-19 (U07.1) <sup>1</sup>	Deaths from All Causes	Percent of Expected Deaths <sup>2</sup>	Deaths involving Pneumonia, with or without COVID-19, excluding Influenza deaths (J12.0–J18.9) <sup>3</sup>	Deaths involving COVID-19 and Pneumonia, excluding Influenza (U07.1 and J12.0–J18.9) <sup>3</sup>	All Deaths involving Influenza, with or without COVID-19 or Pneumonia (J09–J11), includes COVID-19 or Pneumonia <sup>4</sup>	Deaths involving Pneumonia, Influenza, or COVID-19 (U07.1 or J09–J18.9) <sup>5</sup>
Total Deaths	<b>145,298</b>	1,627,731	107	153,107	63,320	6,597	240,712
2/1/2020	<b>0</b>	58,471	99	3,788	0	479	4,267
2/8/2020	<b>1</b>	59,225	99	3,791	0	520	4,312
2/15/2020	<b>0</b>	58,579	100	3,814	0	555	4,369
2/22/2020	<b>5</b>	58,633	101	3,684	1	564	4,252
2/29/2020	<b>7</b>	59,008	103	3,810	4	652	4,465
3/7/2020	<b>35</b>	59,265	102	3,937	17	629	4,583
3/14/2020	<b>52</b>	57,978	102	3,921	27	612	4,557
3/21/2020	<b>565</b>	58,665	103	4,512	251	551	5,370
3/28/2020	<b>3,149</b>	62,670	112	6,151	1,424	440	8,266
4/4/2020	<b>9,960</b>	71,912	129	9,872	4,731	477	15,342
4/11/2020	<b>16,113</b>	78,672	142	11,942	7,201	472	20,986
4/18/2020	<b>17,010</b>	76,351	141	11,354	7,285	265	21,155
4/25/2020	<b>15,358</b>	73,378	136	10,320	6,581	143	19,144
5/2/2020	<b>13,085</b>	68,804	128	8,898	5,495	65	16,533
5/9/2020	<b>11,099</b>	66,326	126	7,781	4,682	47	14,235
5/16/2020	<b>9,097</b>	63,948	122	6,696	3,746	20	12,064
5/23/2020	<b>7,090</b>	60,982	117	5,807	2,938	23	9,978
5/30/2020	<b>6,042</b>	58,917	114	5,192	2,449	12	8,797
6/6/2020	<b>4,922</b>	57,919	111	4,807	2,112	11	7,628
6/13/2020	<b>4,121</b>	56,761	110	4,434	1,838	11	6,725

6/20/2020	<b>3,699</b>	56,016	108	4,221	1,561	6	6,365
6/27/2020	<b>3,610</b>	55,467	108	4,017	1,483	10	6,153
7/4/2020	<b>4,108</b>	55,392	107	4,179	1,821	4	6,467
7/11/2020	<b>4,888</b>	55,433	108	4,830	2,320	7	7,405
7/18/2020	<b>5,371</b>	53,341	104	4,884	2,552	11	7,711
7/25/2020	<b>4,200</b>	46,852	92	4,040	1,976	7	6,268
8/1/2020	<b>1,557</b>	31,420	61	2,050	743	4	2,868
8/8/2020	<b>154</b>	7,346	14	375	82	0	447

NOTE: Number of deaths reported in this table are the total number of deaths received and coded as of the date of analysis and do not represent all deaths that occurred in that period. Counts of deaths occurring before or after the reporting period are not included in the table. The United States population, based on 2018 postcensal estimates from the U.S. Census Bureau, is 327,167,434.

\*Data during this period are incomplete because of the lag in time between when the death occurred and when the death certificate is completed, submitted to NCHS and processed for reporting purposes. This delay can range from 1 week to 8 weeks or more, depending on the jurisdiction and cause of death.

<sup>1</sup>Deaths with confirmed or presumed COVID-19, coded to ICD-10 code U07.1

<sup>2</sup>Percent of expected deaths is the number of deaths for all causes for this week in 2020 compared to the average number across the same week in 2017–2019. Previous analyses of 2015–2016 provisional data completeness have found that completeness is lower in the first few weeks following the date of death (<25%), and then increases over time such that data are generally at least 75% complete within 8 weeks of when the death occurred (8).

<sup>3</sup>Counts of deaths involving pneumonia include pneumonia deaths that also involve COVID-19 and exclude pneumonia deaths involving influenza.

<sup>4</sup>Counts of deaths involving influenza include deaths with pneumonia or COVID-19 also listed as a cause of death.

<sup>5</sup>Deaths with confirmed or presumed COVID-19, pneumonia, or influenza, coded to ICD-10 codes U07.1 or J09–J18.9.

## Table 2. Deaths involving coronavirus disease 2019 (COVID-19), pneumonia, and influenza reported to NCHS by jurisdiction of occurrence, United States. Week ending 2/1/2020 to 8/8/2020.\*

Updated August 10, 2020

Jurisdiction of Occurrence	All Deaths involving COVID-19 (U07.1) <sup>1</sup>	Deaths from All Causes	Percent of Expected Deaths <sup>2</sup>	Deaths involving Pneumonia, with or without COVID-19, excluding Influenza deaths (J12.0–J18.9) <sup>3</sup>	Deaths involving COVID-19 and Pneumonia, excluding Influenza (J12.0–J18.9 and U07.1) <sup>3</sup>	All Deaths involving Influenza, with or without COVID-19 or Pneumonia (J09–J11) <sup>4</sup>	Deaths involving Pneumonia, Influenza, or COVID-19 (U07.1 or J09–J18.9) <sup>5</sup>
United States <sup>6</sup>	<b>145,298</b>	1,627,731	107	153,107	63,320	6,597	240,712
Alabama	<b>1,668</b>	28,993	103	2,015	499	98	3,277
Alaska	<b>17</b>	2,068	91	88	-	-	102
Arizona	<b>3,568</b>	38,456	119	4,053	2,036	114	5,699
Arkansas	<b>510</b>	17,205	101	1,220	216	76	1,590
California	<b>9,133</b>	151,656	105	14,731	5,056	578	19,384
Colorado	<b>1,746</b>	23,119	110	2,030	901	95	2,965

Connecticut	<b>4,173</b>	18,241	108	1,735	926	73	5,052
Delaware	<b>533</b>	5,377	109	429	211	16	767
District of Columbia	<b>680</b>	3,914	121	858	654	-	893
Florida	<b>6,548</b>	120,008	107	10,028	3,224	315	13,655
Georgia	<b>3,163</b>	46,900	104	3,631	1,404	111	5,499
Hawaii	<b>23</b>	5,962	95	351	-	20	387
Idaho	<b>205</b>	7,699	101	387	67	25	550
Illinois	<b>6,934</b>	64,788	115	6,962	3,438	178	10,633
Indiana	<b>2,905</b>	37,078	105	3,505	1,194	133	5,345
Iowa	<b>882</b>	16,190	101	1,134	258	84	1,842
Kansas	<b>365</b>	14,000	99	900	157	89	1,197
Kentucky	<b>736</b>	24,571	95	2,219	351	99	2,702
Louisiana	<b>3,506</b>	27,144	111	2,733	1,668	72	4,637
Maine	<b>138</b>	7,896	101	529	29	31	669
Maryland	<b>3,796</b>	30,930	116	3,213	1,404	126	5,715
Massachusetts	<b>7,851</b>	38,465	120	5,024	2,821	163	10,209
Michigan	<b>5,798</b>	58,178	112	5,806	2,826	240	9,013
Minnesota	<b>1,593</b>	24,781	105	1,836	435	121	3,114
Mississippi	<b>1,560</b>	18,680	111	2,006	747	53	2,872
Missouri	<b>1,170</b>	33,748	98	2,041	381	178	3,008
Montana	<b>50</b>	5,319	96	260	-	34	337
Nebraska	<b>310</b>	8,844	97	664	118	28	884
Nevada	<b>783</b>	14,469	104	1,412	579	41	1,657
New Hampshire	<b>401</b>	7,006	106	454	110	30	774
New Jersey	<b>13,954</b>	55,204	139	9,475	6,759	121	16,777
New Mexico	<b>595</b>	10,099	102	796	253	29	1,167
New York <sup>7</sup>	<b>11,358</b>	65,227	122	9,795	5,503	210	15,842
New York City	<b>20,559</b>	54,518	189	10,703	7,912	964	23,481
North Carolina	<b>1,440</b>	42,857	84	3,000	541	228	4,125
North Dakota	<b>118</b>	3,688	98	308	34	20	412
Ohio	<b>3,035</b>	64,975	99	4,282	1,274	261	6,303
Oklahoma	<b>536</b>	19,575	92	1,709	209	110	2,140
Oregon	<b>313</b>	18,972	97	923	104	65	1,196
Pennsylvania	<b>7,487</b>	74,268	102	6,106	2,692	225	11,122

Rhode Island	<b>981</b>	5,880	105	628	377	25	1,257
South Carolina	<b>1,437</b>	28,121	107	1,997	560	99	2,972
South Dakota	<b>138</b>	4,160	95	323	61	26	426
Tennessee	<b>1,003</b>	40,445	102	3,043	421	132	3,756
Texas	<b>6,489</b>	113,806	105	10,005	3,049	348	13,787
Utah	<b>311</b>	10,503	103	596	107	40	840
Vermont	<b>58</b>	3,157	102	166	14	16	226
Virginia	<b>2,301</b>	39,176	107	2,410	790	113	4,032
Washington	<b>1,374</b>	30,656	100	2,310	721	112	3,070
West Virginia	<b>110</b>	9,123	76	665	38	58	795
Wisconsin	<b>931</b>	29,178	103	1,466	160	150	2,385
Wyoming	<b>25</b>	2,458	102	147	-	-	173
Puerto Rico	<b>207</b>	13,623	87	1,685	114	64	1,840

NOTE: Number of deaths reported in this table are the total number of deaths received and coded as of the date of analysis and do not represent all deaths that occurred in that period. Counts of deaths occurring before or after the reporting period are not included in the table.

\*Data during this period are incomplete because of the lag in time between when the death occurred and when the death certificate is completed, submitted to NCHS and processed for reporting purposes. This delay can range from 1 week to 8 weeks or more, depending on the jurisdiction and cause of death.

<sup>1</sup>Deaths with confirmed or presumed COVID-19, coded to ICD-10 code U07.1.

<sup>2</sup>Percent of expected deaths is the number of deaths for all causes for this week in 2020 compared to the average number across the same week in 2017–2019.

<sup>3</sup>Counts of deaths involving pneumonia include pneumonia deaths that also involve COVID-19 and exclude pneumonia deaths involving influenza.

<sup>4</sup>Counts of deaths involving influenza include deaths with pneumonia or COVID-19 also listed as a cause of death.

<sup>5</sup>Deaths with confirmed or presumed COVID-19, pneumonia, or influenza, coded to ICD-10 codes U07.1 or J09-18.9.

<sup>6</sup>United States death count includes the 50 states, plus the District of Columbia and New York City.

<sup>7</sup>Excludes New York City.

## Understanding the Numbers: Provisional Death Counts and COVID-19

*Provisional death counts deliver the most complete and accurate picture of lives lost to COVID-19. They are based on death certificates, which are the most reliable source of data and contain information not available anywhere else, including comorbid conditions, race and ethnicity, and place of death.*

### How it Works

**The National Center for Health Statistics (NCHS) uses incoming data from death certificates to produce provisional COVID-19 death counts.** These include deaths occurring within the 50 states and the District of Columbia.

**NCHS also provides summaries that examine deaths in specific categories and in greater geographic detail,** such as deaths by county and by race and Hispanic origin.

**COVID-19 deaths are identified using a new ICD-10 code.** When COVID-19 is reported as a cause of death – or when it is listed as a “probable” or “presumed” cause — the death is coded as **U07.1**. This can include cases with or without laboratory confirmation.

### Why These Numbers are Different

Provisional death counts may not match counts from other sources, such as media reports or numbers from county health departments. Counts by NCHS often track 1–2 weeks behind other data.

- **Death certificates take time to be completed.** There are many steps to filling out and submitting a death certificate. Waiting for test results can create additional delays.
- **States report at different rates.** Currently, 63% of all U.S. deaths are reported within 10 days of the date of death, but there is significant variation between states.
- **It takes extra time to code COVID-19 deaths.** While 80% of deaths are electronically processed and coded by NCHS within minutes, most deaths from COVID-19 must be coded by a person, which takes an average of 7 days.
- **Other reporting systems use different definitions or methods for counting deaths.**

### Things to know about the data

**Provisional counts are not final and are subject to change.** Counts from previous weeks are continually revised as more records are received and processed.

**Provisional data are not yet complete.** Counts will not include all deaths that occurred during a given time period, especially for more recent periods. However, we can estimate how complete our numbers are by looking at the average number of deaths reported in previous years.

**Death counts should not be compared across states.** Some states report deaths on a daily basis, while other states report deaths weekly or monthly. State vital record reporting may also be affected or delayed by COVID-19 related response activities.

For more detailed technical information, visit the [Provisional Death Counts for Coronavirus Disease 2019 \(COVID-19\) Technical Notes](#) page.

